

### 1. Features

- Typical 1dB bandwidth of 9.85MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

**RoHS Compliant**

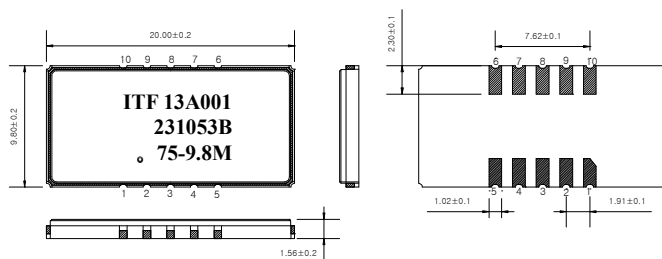
Tested by SGS Testing Korea

### 2. Electrical Specifications

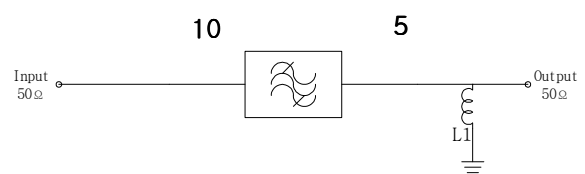
Source and Load Impedance = 50Ω

Operating Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	75.0	-
Insertion Loss	dB	-	20.8	22.5
1 dB Bandwidth	MHz	9.75	9.85	-
3dB Bandwidth	MHz	-	10.15	-
40dB Bandwidth	MHz	-	11.38	11.48
Amplitude Ripple (fo ± 4.7 MHz)	dB	-	0.65	1.0
Group Delay Variation (fo ± 4.7 MHz)	nsec	-	60	120
Absolute Delay	usec	-	2.35	-
Ultimate Rejection	dB	50	53	-
Temperature Coefficient of Frequency	ppm/°C	-72		

**S2098 Package Dimension**



**Matching Schematic**



**L1 = 120nH**

Dimensions shown are nominal in millimeters

Body : Al<sub>2</sub>O<sub>3</sub>  
 Lid : Kovar, Ni Plated  
 Termination : Au plating 0.3 ~ 1.0um, over a 1.27 ~ 8.89um Ni Plating

Pin Configuration			
Input	10	Ground	1,6
Output	5	Others	Ground

**3. Typical Performance ( at +25°C )**

